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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,147	07/08/2003	Klaus Kunze	KOV-004	2078
36872	7590 06/07/2006		EXAMINER	
THE LAW OFFICES OF ANDREW D. FORTNEY, PH.D., P.C.			TRINH, MICHAEL MANH	
	LBROOK AVE STE 204 CA 93711-5835		ART UNIT	PAPER NUMBER
,			2822	
			DATE MAILED: 06/07/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)		
Office Action Summary		10/616,147	KUNZE ET AL.		
		Examiner	Art Unit		
		Michael Trinh	2822		
The Period for Re	e MAILING DATE of this communication app ply	ears on the cover sheet with the c	orrespondence address		
WHICHEV - Extensions after SIX (6) - If NO period - Failure to re Any reply re	ENED STATUTORY PERIOD FOR REPLY (ER IS LONGER, FROM THE MAILING DATE of time may be available under the provisions of 37 CFR 1.13 MONTHS from the mailing date of this communication. If for reply is specified above, the maximum statutory period very within the set or extended period for reply will, by statute served by the Office later than three months after the mailing and term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be time will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status					
1)⊠ Res	Responsive to communication(s) filed on <u>08 July 2003</u> .				
2a) This	is action is FINAL . 2b) This action is non-final.				
3) Sinc	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
clos	ed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	33 O.G. 213.		
Disposition o	f Claims				
4a) 0 5)	m(s) <u>1-91</u> is/are pending in the application. If the above claim(s) is/are withdraw m(s) is/are allowed. m(s) is/are rejected. m(s) is/are objected to. m(s) <u>1-91</u> are subject to restriction and/or expression.	vn from consideration.			
Application P	apers				
10) The Appl	specification is objected to by the Examine drawing(s) filed on is/are: a) acceptant may not request that any objection to the exament drawing sheet(s) including the correct path or declaration is objected to by the Example 2.	epted or b) objected to by the Edrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority under	· 35 U.S.C. § 119				
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 					
2) Notice of D	eferences Cited (PTO-892) raftsperson's Patent Drawing Review (PTO-948) Disclosure Statement(s) (PTO-1449 or PTO/SB/08) //Mail Date	4) Interview Summary (Paper No(s)/Mail Da 5) Notice of Informal Pa	•		

Application/Control Number: 10/616,147

Art Unit: 2822

Part III DETAILED ACTION

*** This office action is in response to filling of the Application on July 08, 2003. Claims 1-91 are pending.

Election/Restriction

- 1. Restriction to one of the following inventions is required under 35 U.S.C. § 121:
 - I. Claims 1-25,26-40, drawn to a composition, classified in class 106 subclass 287.1.
 - II. Claims 26-40, drawn to an ink composition for making a semiconductor film 106/285.
 - III. Claims 41-65, drawn to a first method of making a patterned semiconductor film, by printing a composition and curing the composition, class 427/397.7
 - IV. Claims 66-78, drawn to a second method for forming a semiconductor film, at least by partially cured thin film composition comprising semiconductor nanoparticles to form a semiconductor thin film lattice and coating it with a composition.
 - V. Claims 79-86, drawn to a third method for forming a semiconductor film, by coating the at least partially cured thin film composition with an ink.
 - VI. Claims 87-91, drawn to a semiconductor thin film structure comprising a sintered mixture of passivated semiconductor particles in a hydrogenated, and at least partially amorphous Group IVA element, 428/403.

The inventions of Group I to Group VI are distinct and species as shown above.

Inventions III-V and VI are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (M.P.E.P. § 806.05(f)). Unpatentability of the group III-V invention would not necessarily imply unpatentability of the group invention, since the device of the group VI invention could be made by process material different than those/that of the group III-V invention. For example: instead of partially curing the thin film composition, a semiconductor film structure can be formed by completely curing the thin film composition. Currently, there is no generic claim for Group III, Group IV, and Group V.

Because these inventions are distinct for the reasons given above and have acquired a separate status as given in the above and as shown above by the above different classifications, the fields of search are not co-extensive and separate examination would be required, restriction for examination purposes as indicated is proper.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the

Art Unit: 2822

currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M. Trinh whose telephone number is (571) 272-1847. The examiner can normally be reached on M-F: 9:00 Am to 5:30 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on (571) 272-2429. The central fax phone number is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Michael Trinh Primary Examiner